

Message

From: Hall, Kristen [hall.kristen@epa.gov]
Sent: 7/29/2021 7:06:25 PM
To: Chow, Alice [chow.alice@epa.gov]
Subject: RE: [External] RE: EtO Commercial sterilizers data review

Hi,

You can ask them, the contacts that it looks like Jessie has spoken to before would be the ones to have it, if the source is required.

Let me know if they don't answer you.

Kris

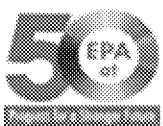
Kris Hall
Chief, Air Section
Enforcement & Compliance Assurance Division
Air, RCRA and Toxics Branch
US EPA Region 3
1650 Arch Street – 3ED21
Philadelphia, PA 19103
215-814-2168
Hall.Kristen@epa.gov

From: Chow, Alice <chow.alice@epa.gov>
Sent: Thursday, July 29, 2021 2:57 PM
To: Hall, Kristen <hall.kristen@epa.gov>
Subject: FW: [External] RE: EtO Commercial sterilizers data review

Kris: Can we get a copy of the stack test for OAQPS?

Alice

Alice H. Chow
Chief, Air Quality Analysis Branch (3AD40)
Air & Radiation Division (14-130)
USEPA, Region 3
Phone: 215-814-2144
Cell: 215-817-4380
Email: chow.alice@epa.gov



From: Witt, Jon <Witt.Jon@epa.gov>
Sent: Thursday, July 29, 2021 2:50 PM

To: Chow, Alice <chow.alice@epa.gov>

Subject: RE: [External] RE: EtO Commercial sterilizers data review

Hi Alice,

Just wanted to check in on Cosmed in Erie, PA. I was curious if the state would be able to provide the latest wet scrubber stack test report. We're reviewing our standards for the sterilization chamber vent, and we don't think there will be much to do for this source; however, if we could get a copy of that report, that would help us in our review.

Thank you,
Jonathan

From: Witt, Jon

Sent: Tuesday, February 09, 2021 4:37 PM

To: Chow, Alice <chow.alice@epa.gov>

Subject: RE: [External] RE: EtO Commercial sterilizers data review

Hi Alice,

Can PA send us the latest stack tests they have for the wet scrubber and the dry bed scrubber at the Cosmed facility (Erie)? Turns out the company did not submit them as part of the 114 request.

Thank you,
Jonathan

From: Witt, Jon

Sent: Tuesday, January 26, 2021 8:27 AM

To: Chow, Alice <chow.alice@epa.gov>

Subject: RE: [External] RE: EtO Commercial sterilizers data review

Thanks!

From: Chow, Alice <chow.alice@epa.gov>

Sent: Tuesday, January 26, 2021 6:45 AM

To: Witt, Jon <Witt.Jon@epa.gov>

Subject: FW: [External] RE: EtO Commercial sterilizers data review

Jon: Here's our response from PA.

Alice

Alice H. Chow

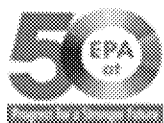
Chief, Air Quality Analysis Branch (3AD40)

USEPA, Region 3

Phone: 215-814-2144

Cell: 215-817-4380

Email: chow.alice@epa.gov



From: Fry, Jessica <fry.jessica@epa.gov>
Sent: Monday, January 25, 2021 3:54 PM
To: Chow, Alice <chow.alice@epa.gov>
Subject: FW: [External] RE: EtO Commercial sterilizers data review

Hi Alice,

Here is what PA responded to the data review for the commercial sterilizers.

Let me know if you want me to respond with any more requests.

Thanks,
Jessie

From: Arikeri, Soumya <sarikeri@pa.gov>
Sent: Monday, January 25, 2021 3:03 PM
To: Fry, Jessica <fry.jessica@epa.gov>
Cc: Bordner, Randy <ranbordner@pa.gov>; vtrivedi <vtrivedi@pa.gov>; jkrueger@pa.gov; Foster, Susan <sufoster@pa.gov>; mahammond <mahammond@pa.gov>
Subject: RE: [External] RE: EtO Commercial sterilizers data review

Hello Jessica,
Here are the updates on Pennsylvania facilities:

1. **B. Braun:** The emissions, source location, and release parameters all appear to be accurate.
2. **ACS:** DEP did not see any issues with the data provided for the site.
3. **Cosmed:** The company has not been required to submit an emission inventory for the DEP and hence unable to confirm.

Croda Inc. is another facility in Pennsylvania with total facility emissions of more than 0.05 tons of EtO per year.

Soumya Arikeri | Air Quality Engineering Specialist
Department of Environmental Protection
Rachel Carson State Office Building
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sarikeri@pa.gov
www.depweb.state.pa.us

From: Bordner, Randy <ranbordner@pa.gov>
Sent: Tuesday, January 19, 2021 10:13 AM
To: Fry, Jessica <fry.jessica@epa.gov>
Cc: Arikeri, Soumya <sarikeri@pa.gov>
Subject: RE: [External] RE: EtO Commercial sterilizers data review

Thanks! Craig Evans has retired. Please send Craig items to Soumya Arikeri. She can get info for Craig to the right place.

Randy Bordner | Environmental Group Manager
Department of Environmental Protection | Bureau of Air Quality
400 Market Street | Harrisburg, PA 17105
Phone: 717.772.3921 | Fax: 717.772.2303
www.dep.state.pa.us

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From: Fry, Jessica <fry.jessica@epa.gov>
Sent: Tuesday, January 19, 2021 10:00 AM
To: Bordner, Randy <ranbordner@pa.gov>
Subject: [External] RE: EtO Commercial sterilizers data review

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Hi Randy,

Yes, it's a large file, so I had to send it using our file sharing site. I've never used it, so I didn't realize it would go through and look like a fake email. Cristina sent an email to all the air directors regarding a request for data for EtO Commercial Sterilizers and you can see below since it might not have come through with the original email. We were just trying to also give a heads up to the staff that may have to review the data. I also tried to send it to Craig Evans, but I'm not sure it went through.

Let me know if you have any questions.

From: Fernandez, Cristina <Fernandez.Cristina@epa.gov>
Sent: Wednesday, January 13, 2021 6:15 PM
To: mahammond <mahammond@pa.gov>
Cc: Hall, Kristen <hall.kristen@epa.gov>; Opila, MaryCate <Opila.MaryCate@epa.gov>; Chow, Alice <chow.alice@epa.gov>
Subject: EtO Commercial Sterilizers Data Review

Hi Mark,

As you may recall, EPA is crafting a revised EtO Commercial Sterilizer MACT. We are in the process of evaluating the emissions data and associated process parameters gathered for commercial sterilizers. About 40% of the responses were from Section 114 questionnaires and the remainder from permits and inspections or compliance reports. In Region 3, we have 11 facilities from 4 states—VA (4), PA (3), MD (3) and WV (1). The data for these facilities will be used for modeling purposes in order to support the national rulemaking. OAQPS has requested that we share with you the data collected to date as well as providing an opportunity to update or correct the data. To review these files, it may take air toxics, permits, and/or enforcement personnel to participate.

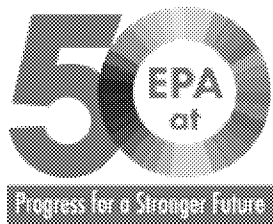
Primarily, the focus should be on:

- Are emissions accurate,
- Are sources correctly located, and
- Are release parameters accurate.
- Please review as many facilities as you can— especially those with total facility emissions more than 0.05 tons per year.

We would like any updates or corrected data from you by February 10th. If you have any questions or need additional time, please contact Alice Chow, of my staff at chow.alice@epa.gov or Mary Cate Opila at opila.marycate@epa.gov.

Thanks, Cristina

Cristina Fernandez, Director
Air & Radiation Division (3AD00)
U. S. Environmental Protection Agency, Region 3
1650 Arch Street
Philadelphia, PA 19103-2023
Work: (215) 814-2178
Cell: (215) 375-0847



From: Bordner, Randy <ranbordner@pa.gov>
Sent: Tuesday, January 19, 2021 9:49 AM
To: Fry, Jessica <fry.jessica@epa.gov>
Subject: EtO Commercial sterilizers data review

Is the secure e-Mil I received from you actually something that you sent as a secure delivery? There is no other context or message.

Randy Bordner | Environmental Group Manager
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